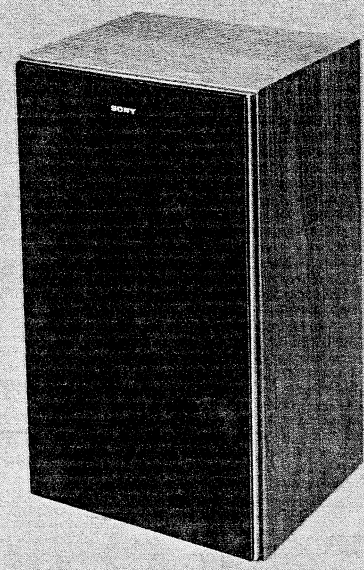
SS-5050

UK Model
AEP Model
GEP Model



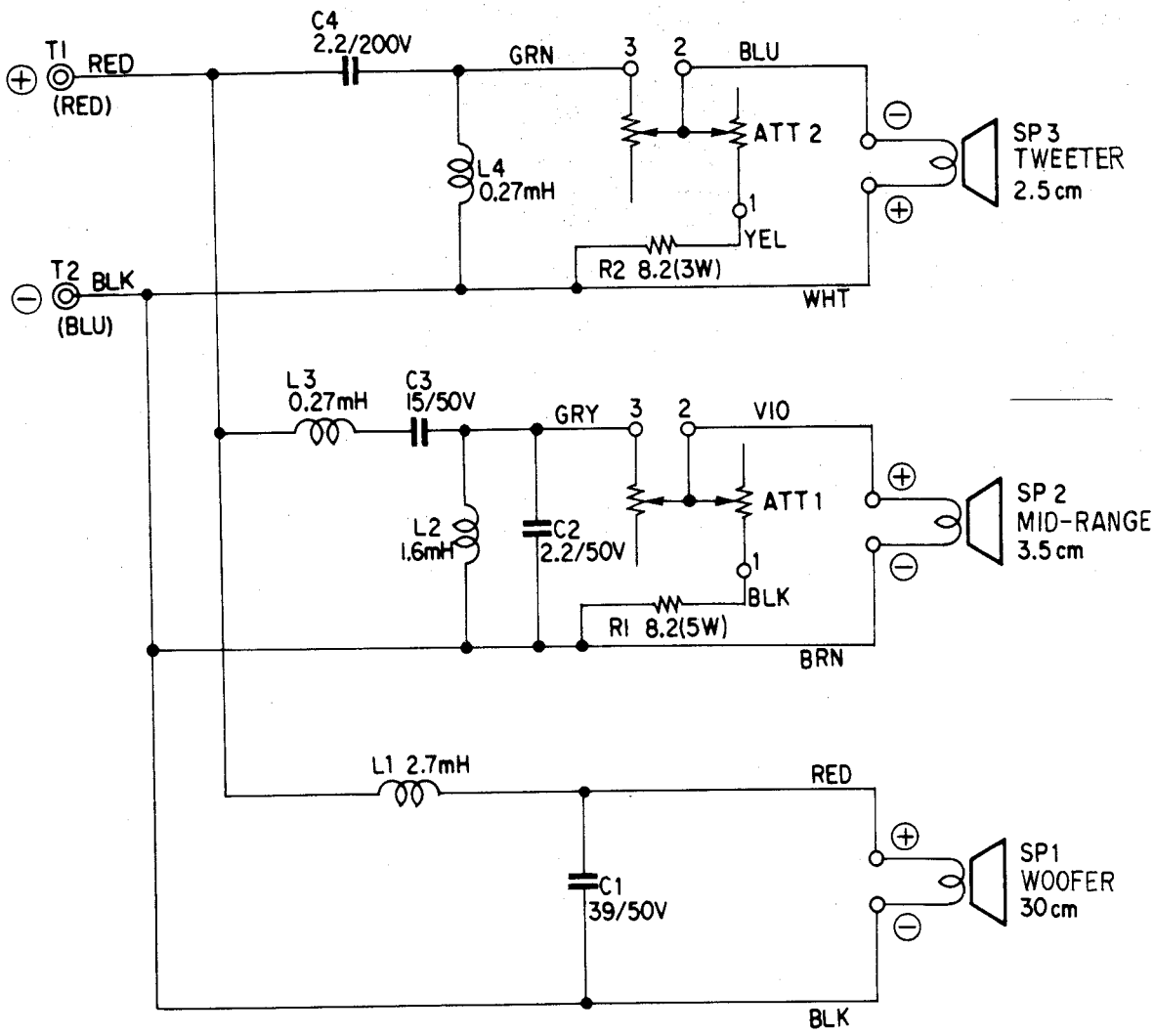
CARBOCON SPEAKER SYSTEM

SPECIFICATIONS

Speaker System:	Three-way, acoustic suspension Woofer: 30 cm (12 inches), cone type Mid-range: 3.5 cm (1½ inch), dome type Tweeter: 2.5 cm (1 inch), dome type
Impedance:	8 ohms
Reproduceable Frequency Range:	40 Hz – 20,000 Hz
Output Sound Pressure:	91 dB/W/m
Power Handling Capability:	Nominal 80 watts (DIN 45 500)
Crossover Frequencies:	800 Hz (–12 dB/octave) 8 kHz (–12 dB/octave)
Level Controls:	TWEETER LEVEL –3 dB to +3 dB continuously adjustable MID LEVEL –5 dB to +1 dB continuously adjustable
Inputs:	Full-range, push-post terminals
Dimensions:	Approx. 365 (w) x 630 (h) x 318 (d) mm (14⅜ x 24¾ x 12½ inches)
Weight:	Approx. 20 kg (44 lb 1 oz)

SONY®
SERVICE MANUAL

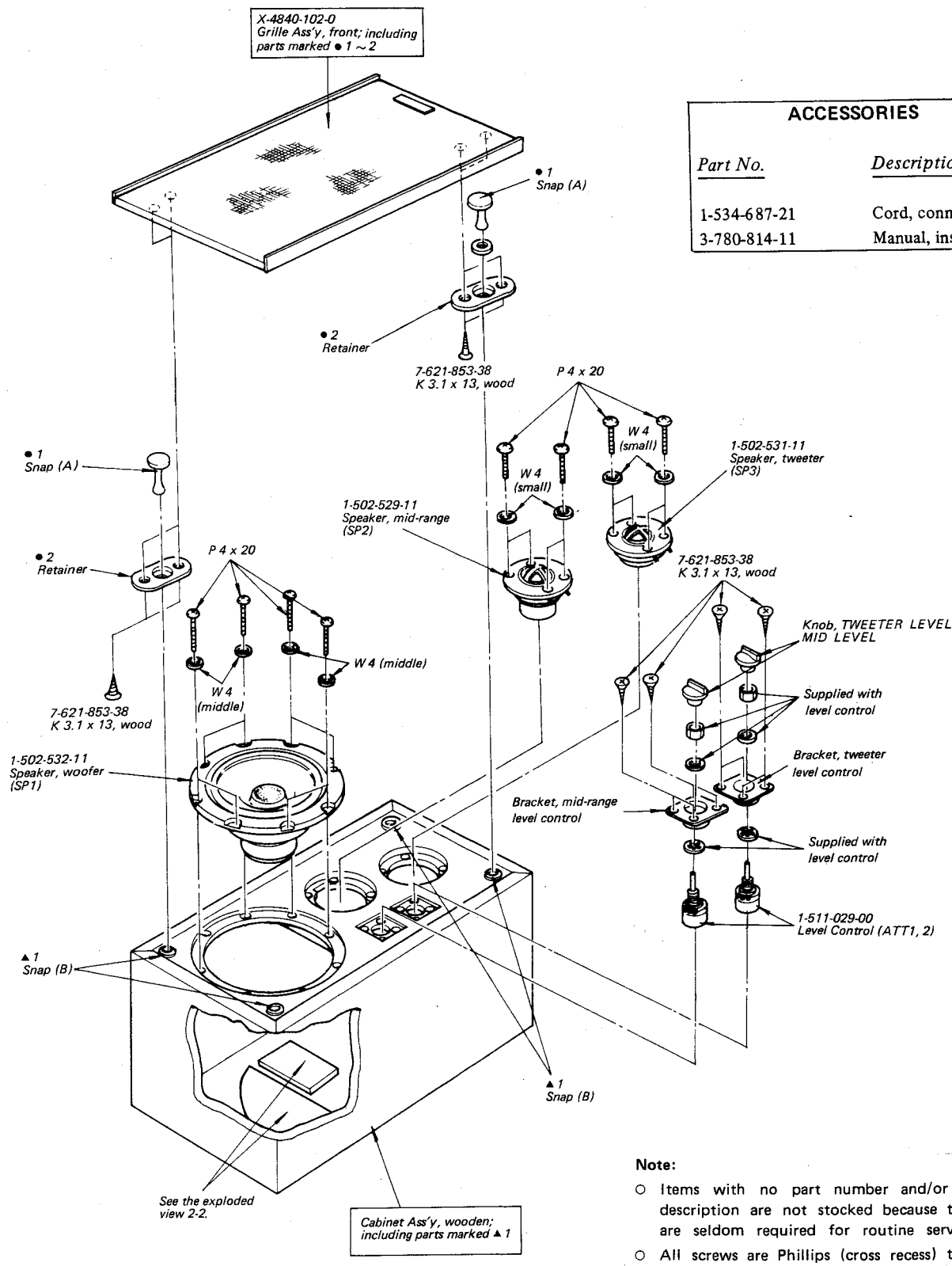
1. SCHEMATIC DIAGRAM



Note:
- All capacitors and resistors are in μF and Ω unless otherwise indicated.
- (RED) and (BLU) mean the color of terminals (T1 and T2).

2. EXPLODED VIEWS

2-1.



ACCESSORIES

Part No.	*Description*
1-534-687-21	Cord, connection
3-780-814-11	Manual, instruction

Note:

- Items with no part number and/or no description are not stocked because they are seldom required for routine service.
- All screws are Phillips (cross recess) type unless otherwise noted.
  (—) = slotted head

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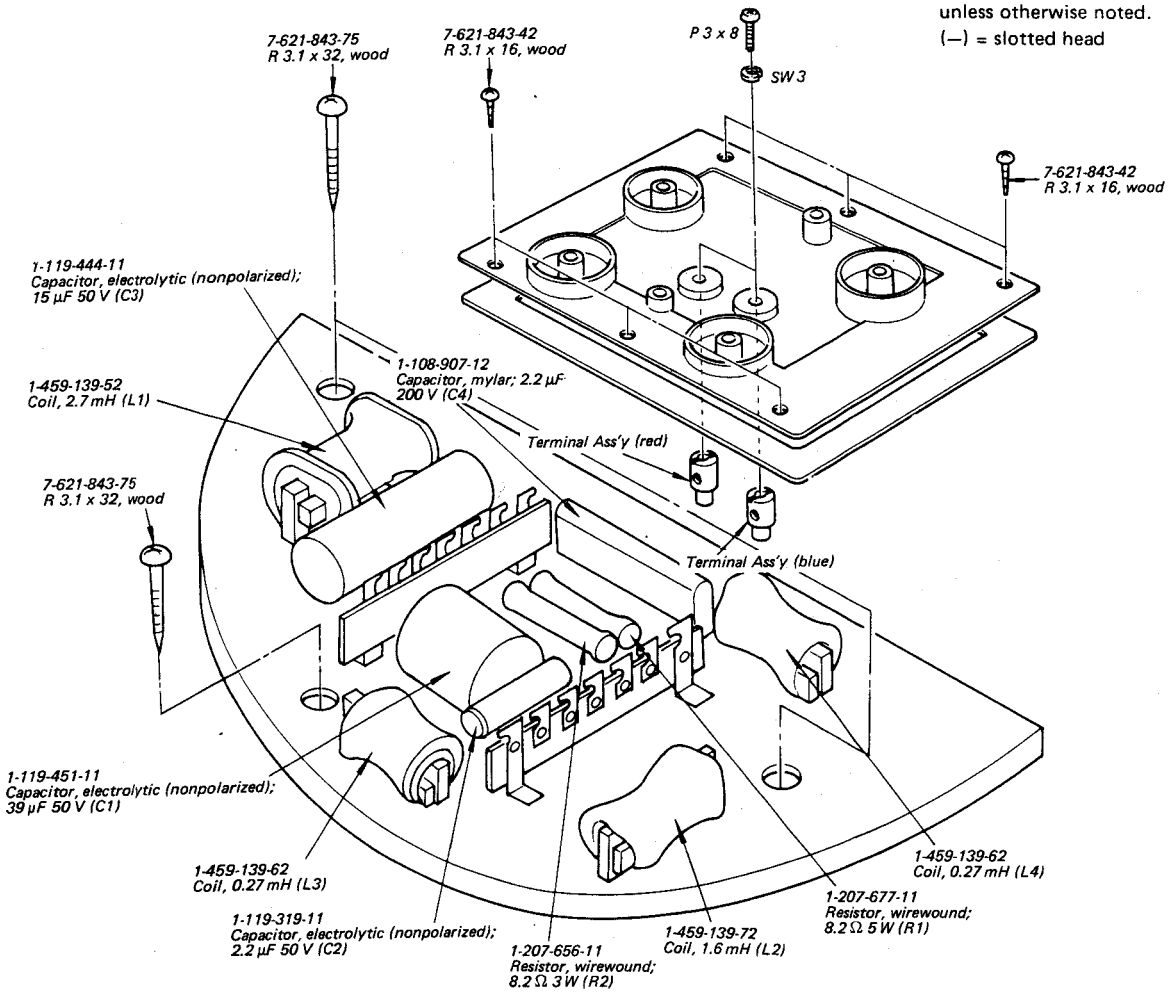
2-2.



3. ELECTRICAL PARTS

Ref. No.	*Part No.*	*Description*		
		CAPACITORS		
C1	1-119-451-11	39 µF	50 V	electrolytic (nonpolarized)
C2	1-119-319-11	2.2 µF	50 V	electrolytic (nonpolarized)
C3	1-119-444-11	15 µF	50 V	electrolytic (nonpolarized)
C4	1-108-907-12	2.2 µF	200 V	mylar
		RESISTORS		
R1	1-207-677-11	8.2 Ω	5 W	wirewound
R2	1-207-656-11	8.2 Ω	3 W	wirewound

Ref. No.	*Part No.*	*Description*
	COILS	
L1	1-459-139-52	2.7 mH
L2	1-459-139-72	1.6 mH
L3, 4	1-459-139-62	0.27 mH
	SPEAKERS	
SP1	1-502-532-11	Woofer
SP2	1-502-529-11	Mid-range
SP3	1-502-531-11	Tweeter
ATT1, 2	1-511-029-00	Level Control

Sony Corporation

9-958-080-11

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